

**Emerald HD 2**

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**MATERIAL SAFETY DATA SHEET****SECTION I - PRODUCT IDENTIFICATION**

TRADE NAME: Emerald HD 2  
 CHEMICAL NAME: N/A  
 CHEMICAL FAMILY: Alkaline Liquid Cleaner

- H M I S -

HEALTH	FIRE	REACTIVITY
1	0	0

**SECTION II - HAZARDOUS INGREDIENTS**

MIXTURE CONTAINS NO INGREDIENTS CONSIDERED TO BE HAZARDOUS ACCORDING TO ANY STATE OR FEDERAL REGULATIONS.

**SECTION III - PHYSICAL DATA**

SPECIFIC GRAVITY: 1.02-1.03	VAPOR PRESSURE: N/A
PERCENTAGE OF VOLATILITY BY WEIGHT: 2.5%	VAPOR DENSITY (AIR = 1): N/A
EVAPORATION RATE (ETHER = 1): N/A	SOLUBILITY IN WATER: Complete
APPEARANCE AND ODOR: Water white liquid, fruity odor	PH (CONC): < 10.5

**SECTION IV - FIRE AND EXPLOSION DATA**

FLASH POINT (F): None  
 FLAMMABLE LIMITS: N/A  
 EXTINGUISHING MEDIA: Will not burn or support combustion  
 SPECIAL FIRE FIGHTING MEDIA: N/A  
 UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

**SECTION V - HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE (TLV): Undetermined  
 EFFECTS OF OVEREXPOSURE: May cause burns of skin, eyes and mucous membranes.  
 ROUTES OF ENTRY AND EMERGENCY FIRST AID PROCEDURES:  
     SKIN/EYES: Flush with large amounts of water. For eyes, get immediate attention.  
     INGESTION: Drink large amounts of water and get immediate medical attention. Do not induce vomiting.

**SECTION VI - REACTIVITY DATA**

INSTABILITY: Stable  
 INCOMPATIBILITY: N/A  
 DECOMPOSITION: N/A  
 POLYMERIZATION: Will not occur  
 CONDITIONS TO AVOID: N/A

**SECTION VII - SPILL OR LEAK PROCEDURES**

SPILL, LEAK OR RELEASE: Neutralize with diluted mineral acid and flush to chemical sewer.  
 WASTE DISPOSAL: Discharge to a disposal system. In order to be completely informed on the latest regulations for your area, please contact the local authorities.

**SECTION VIII - SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION: N/A  
 VENTILATION: Local exhaust as necessary to eliminate spray  
 OTHER: Safety showers in work area  
 PROTECTIVE GLOVES: Rubber, vinyl, etc.  
 EYE PROTECTION: Chemical goggles  
 OTHER PROTECTIVE EQUIPMENT: Whatever is necessary to prevent skin contact.

### SECTION IX - SPECIAL PRECAUTIONS

**HANDLING AND STORAGE:** Store at temperatures above 32°F.

**OTHER PRECAUTIONS:** Freezes at 0°F. – Keep from freezing

### SECTION X - TRANSPORTATION REQUIREMENTS

**PROPER SHIPPING NAME:** CLEANING COMPOUND, N.O.S. NOT REGULATED BY D.O.T.

**HAZARD CLASS:** N/A

**DOT GUIDE:** N/A

**ID NUMBER:** N/A

**PKG. GROUP:** N/A

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